

Preliminary Amendment

National Stage Entry of PCT/JP2003/014568
Attorney Docket No.: Q87709

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A polyisobutylene-polyolefin copolymer produced by cationic polymerization in the presence of a vinylidene-terminated polyolefin macromonomer to produce a polymer segment mainly composed of isobutylene.

2. (original): The polyisobutylene-polyolefin copolymer according to claim 1, wherein the cationic polymerization is living cationic polymerization.

3. (currently amended): The polyisobutylene-polyolefin copolymer according to claim 1 or 2, wherein the vinylidene-terminated polyolefin macromonomer is a vinylidene-terminated polypropylene macromonomer.

4. (currently amended): A composition comprising the polyisobutylene-polyolefin copolymer according to ~~any one of claims 1 to 3~~claim 1 and a polyolefin resin.

5. (original): The composition according to claim 4, wherein the polyolefin resin is polypropylene, a propylene copolymer, or a mixture thereof.

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6. (original): A process for producing a polyisobutylene-polyolefin copolymer, comprising performing cationic polymerization in the presence of a vinylidene-terminated polyolefin macromonomer to produce a polymer segment mainly composed of isobutylene.

7. (original): The process according to claim 6, wherein the cationic polymerization is living cationic polymerization.

8. (currently amended): The process according to claim 6 or 7, wherein the vinylidene-terminated polyolefin macromonomer is a vinylidene-terminated polypropylene macromonomer.